

## STRADELLA-8-HV-ME

Fulfills EN13201 M-class requirements where road width is equal to or less the pole height. Excellent longitudinal luminance uniformity. Variant with longer location pin distance allowing HV circuit de

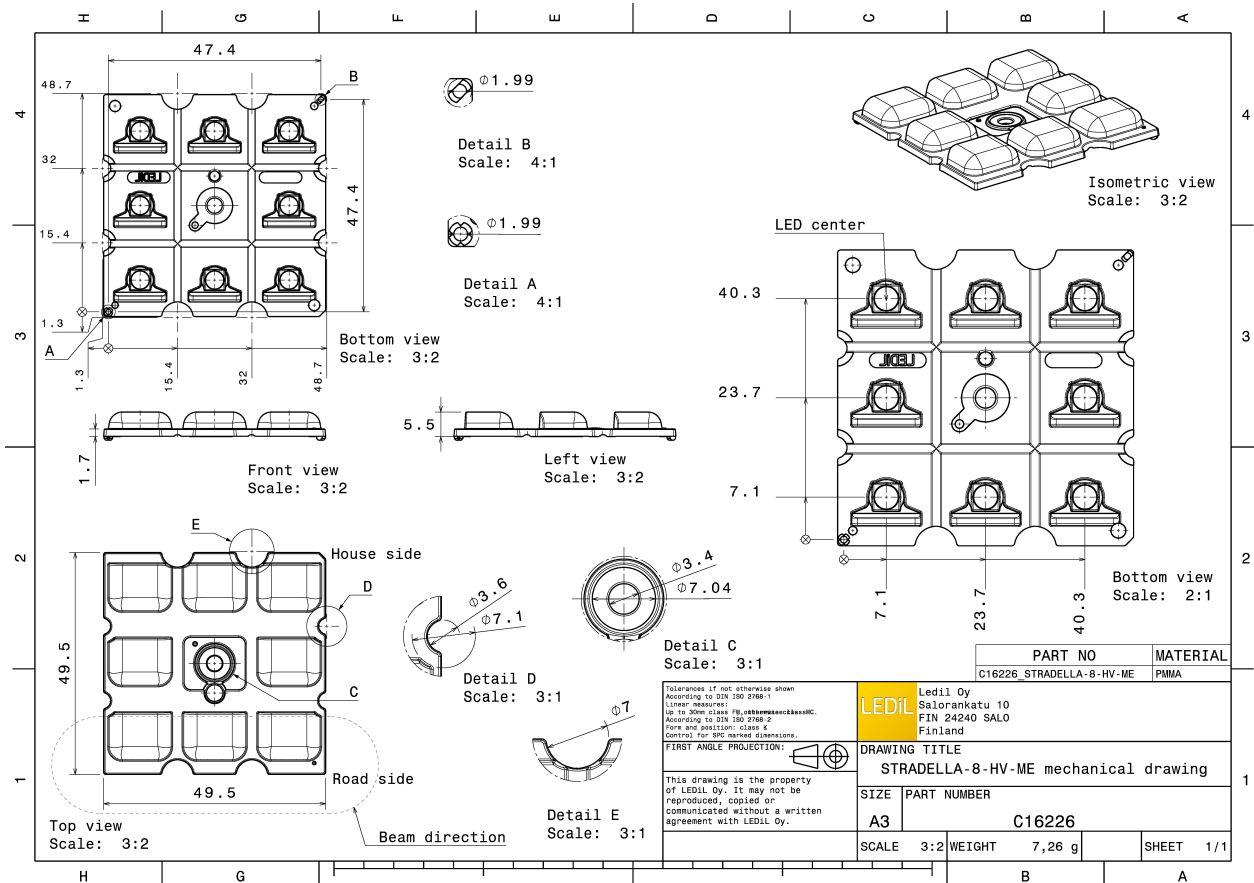
### TECHNICAL SPECIFICATIONS:

Dimensions	49.5 mm
Height	5.5 mm
Fastening	pin, screw
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.6 kg
Quantity in Box	800 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

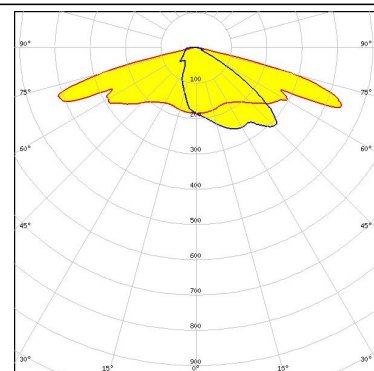
Component	Type	Material	Colour
STRADELLA-8-HV-ME	Multi-lens	PMMA	clear



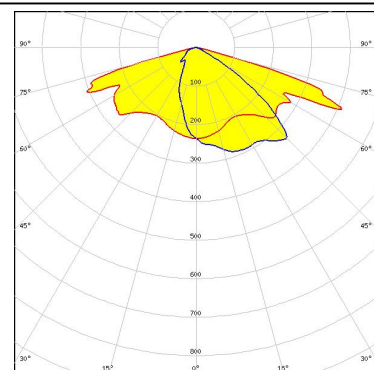
#### PHOTOMETRIC DATA (MEASURED):



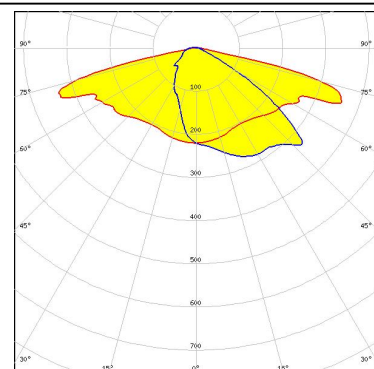
LED XD16  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.850 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



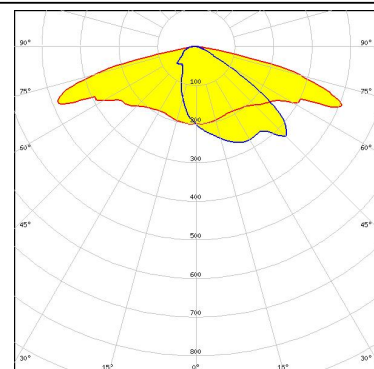
LED LUXEON 3030 2D (Round LES)  
FWHM Asymmetric  
Efficiency 88 %  
Peak intensity 0.740 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



LED LUXEON V2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.670 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



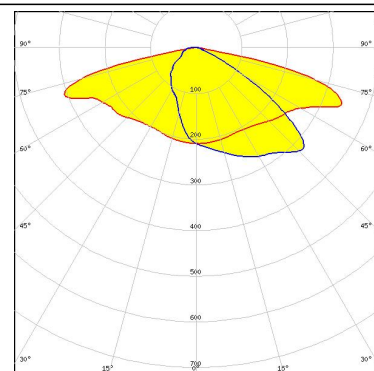
LED NF2W585AR  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

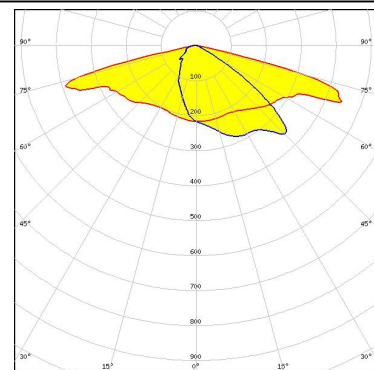


LED NVSW319B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.570 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



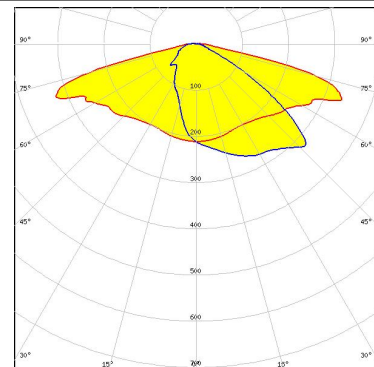
SEOUL SEMICONDUCTOR

LED DC 3030C  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.737 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

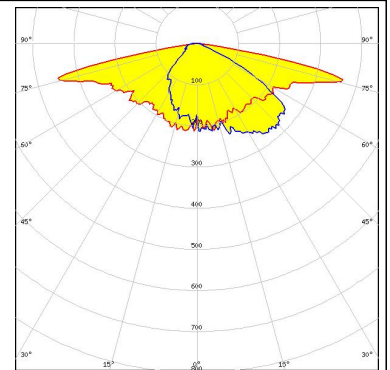
LED Z5M3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



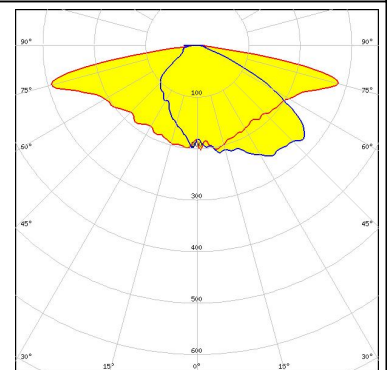
#### PHOTOMETRIC DATA (SIMULATED):



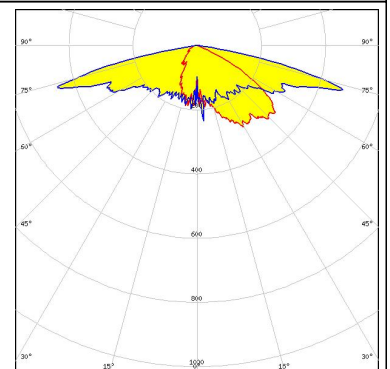
LED XP-G2  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.720 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



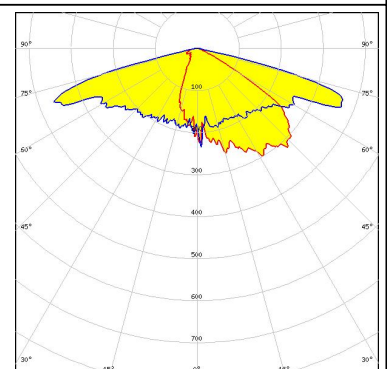
LED XP-G3  
FWHM Asymmetric  
Efficiency 91 %  
Peak intensity 0.520 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.773 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



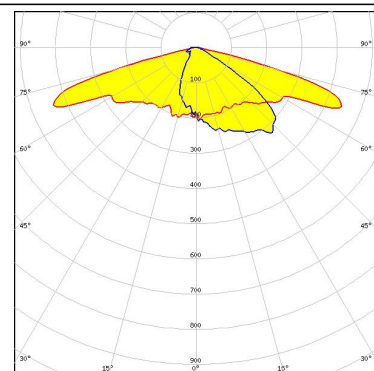
LED LUXEON 3030 2D (Round LES)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.817 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



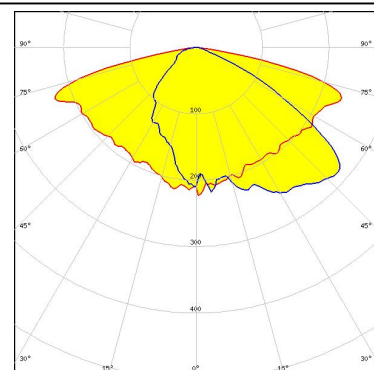
#### PHOTOMETRIC DATA (SIMULATED):



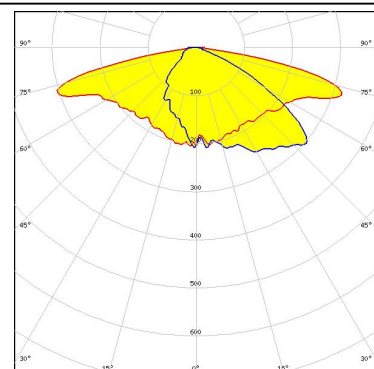
LED NVSxE21A  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.740 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



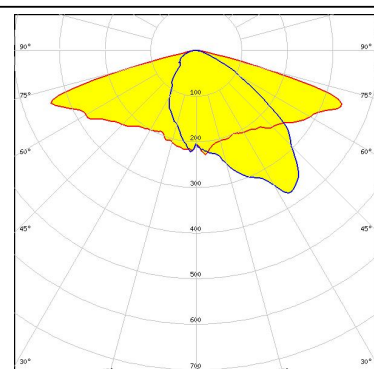
LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 82 %  
Peak intensity 0.380 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
Undefined Manufacturer: Protective Plate, Glass



LED NVSxx19B/NVSxx19C  
FWHM Asymmetric  
Efficiency 92 %  
Peak intensity 0.540 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ P 3737 (2W version)  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.710 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

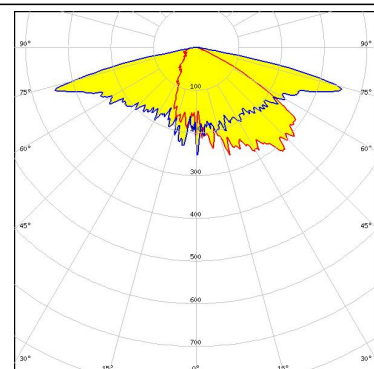




#### PHOTOMETRIC DATA (SIMULATED):

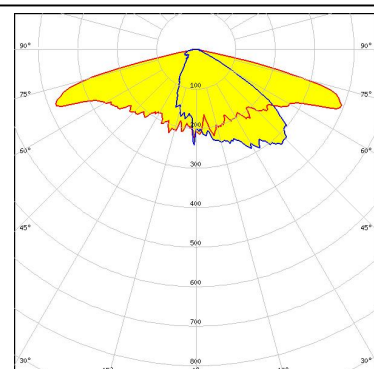
**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.783 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SAMSUNG**

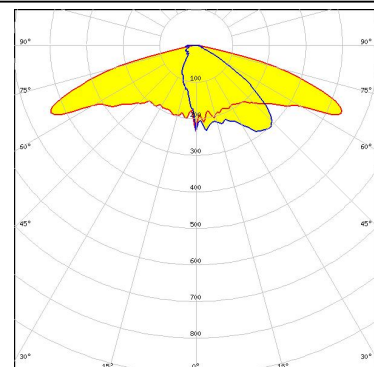
LED LH181B  
FWHM Asymmetric  
Efficiency 94 %  
Peak intensity 0.720 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

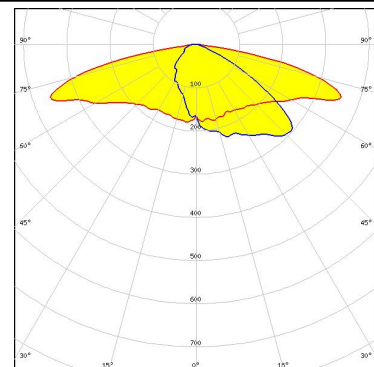
LED Z8Y22  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.710 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**SEOL**

SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.580 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### MATERIALS:

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